Cradlepoint Customer Configuration Guide

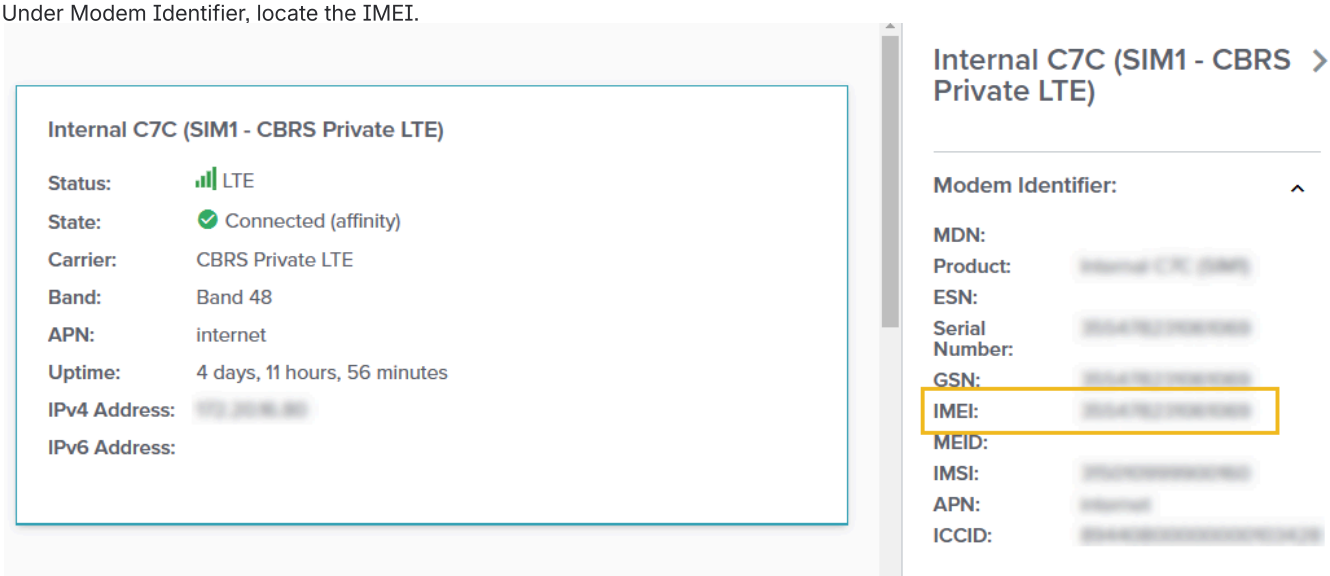
Adentro Overview

Adentro provides consumers with an amazing WiFi experience at their favorite spots, while helping to grow local businesses by better engaging and targeting their customers. By offering a branded captive portal for your guest WiFi network, customers are given the ability to opt-in to targeted messaging sent using the Adentro platform.

Device Information

Locate the IMEI number for your device, and send it to your account representative. This can be found in a variety of ways, using NetCloud management or from the label on the physical device.
https://docs.cradlepoint.com/r/How-to-Find-an-IMEI-via-NCM

1. Log into NetCloud Manager.
2. Select the Devices page.
3. Select the device name from the grid to displays the dashboard.
4. Select Interfaces.
5. Select the tile for the modem interface.
    a. Details for the modem interface display on right.
6. Under Modem Identifier, locate the IMEI.



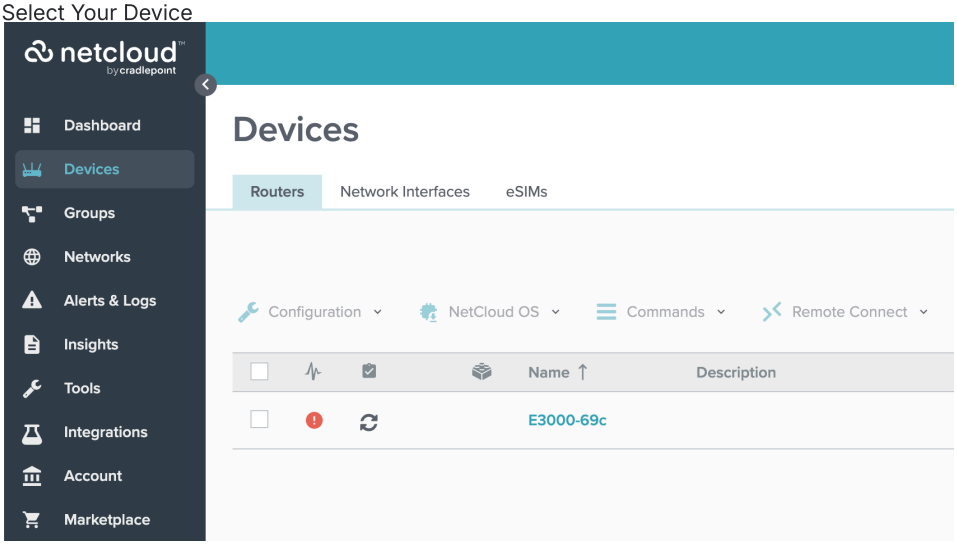
Device Configuration

All configuration takes place in the Cradlepoint cloud dashboard, called **NetCloud**. The device should be registered & added to a group via NetCloud Management.

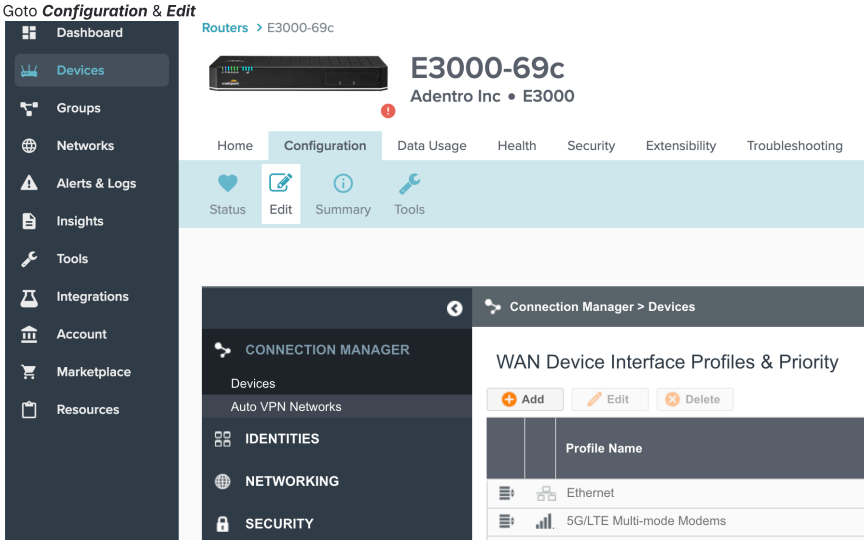
Configure the Captive Portal

1. Login to NetCloud

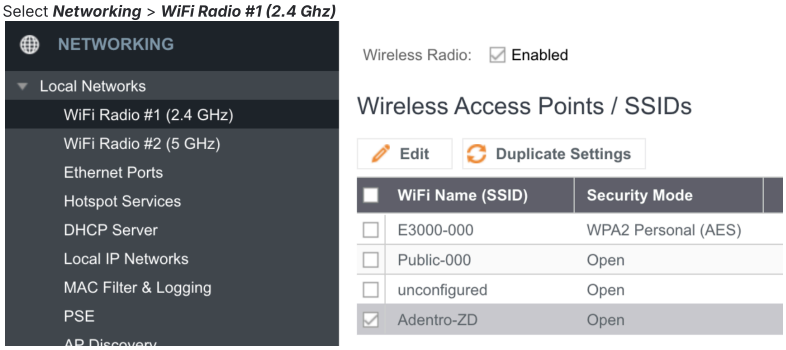
2. Select Your Device



3. Goto ***Configuration*** & ***Edit***

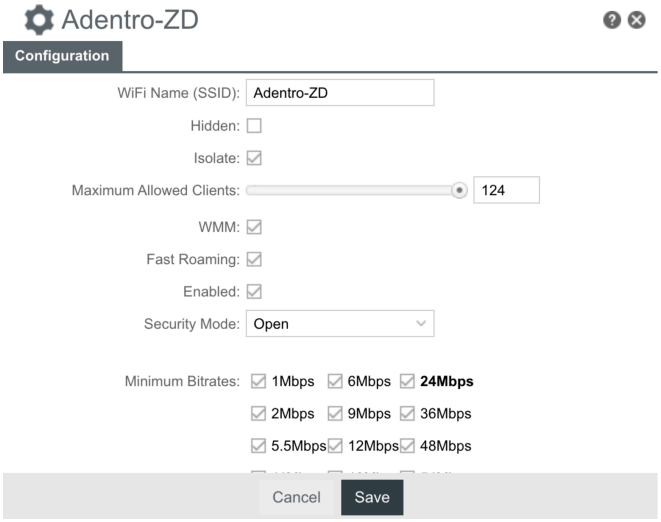


4. Select ***Networking*** > ***WiFi Radio #1 (2.4 Ghz)***



5. Edit the SSID to be used for the open SSID.

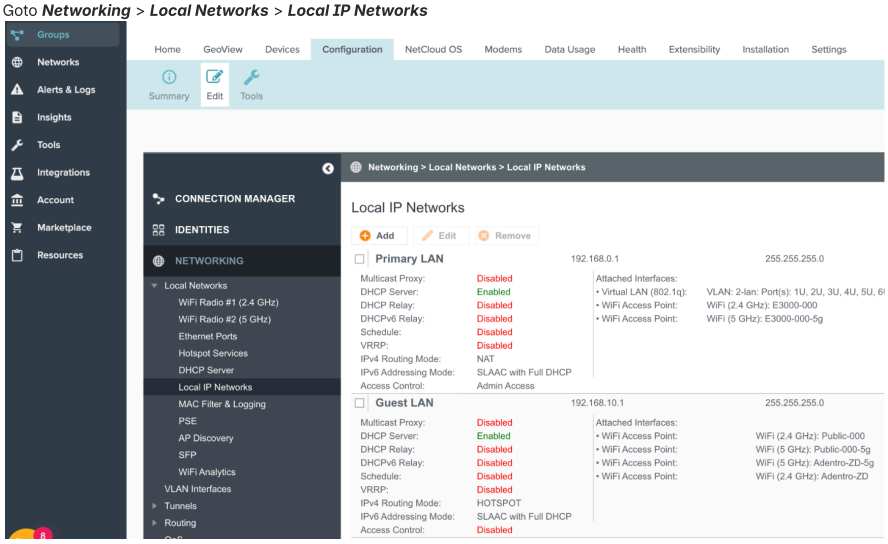
6. Update the following settings



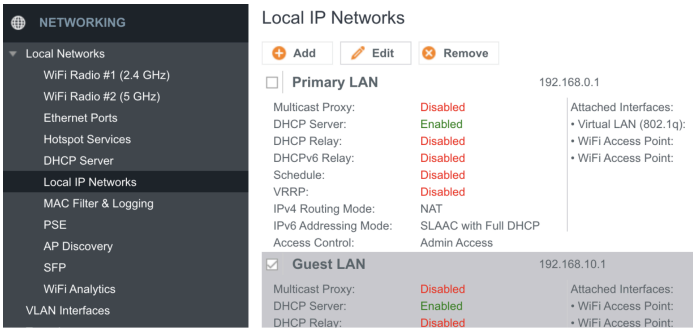
   a. Enter a **WiFi Name (SSID)**
   b. Add a checkmark to **Enabled**
   c. Make sure the ***Security Mode*** is set to **Open**
   d. Click **Save**

7. Repeat Step 4 for any additional Radios that you have.

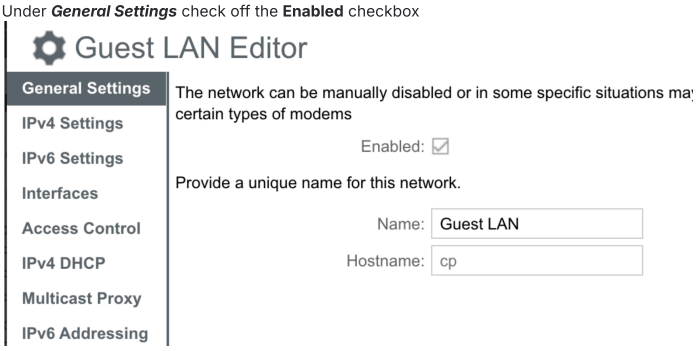
8. Goto ***Networking*** > ***Local Networks*** > ***Local IP Networks***



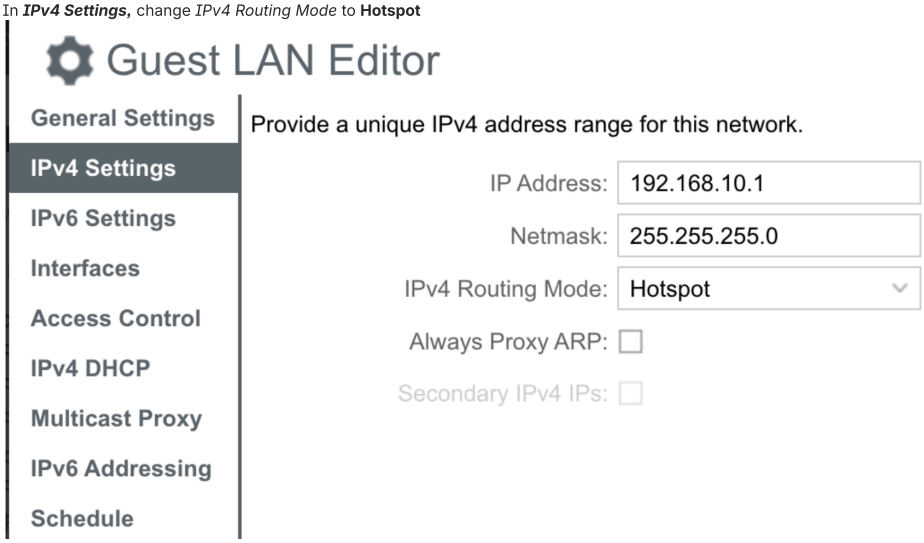
9. Select ***Guest LAN*** & click ***Edit***



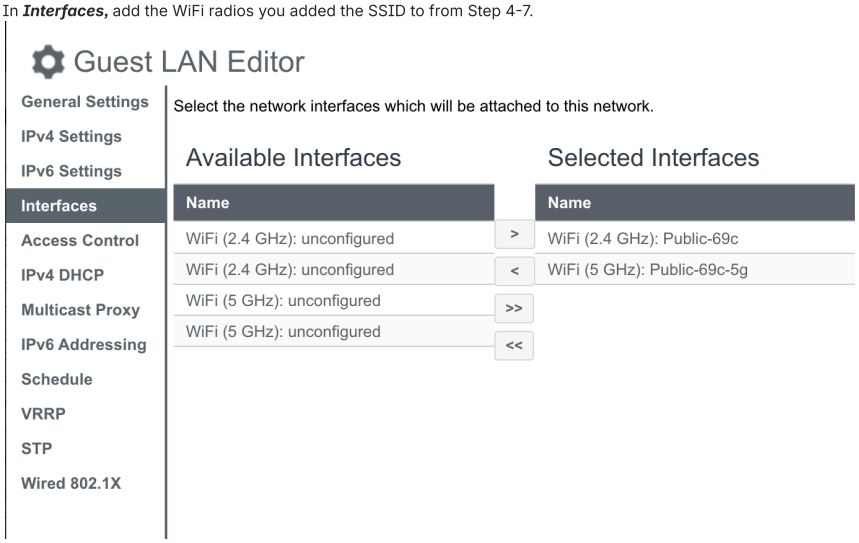
10. Under ***General Settings*** check off the **Enabled** checkbox



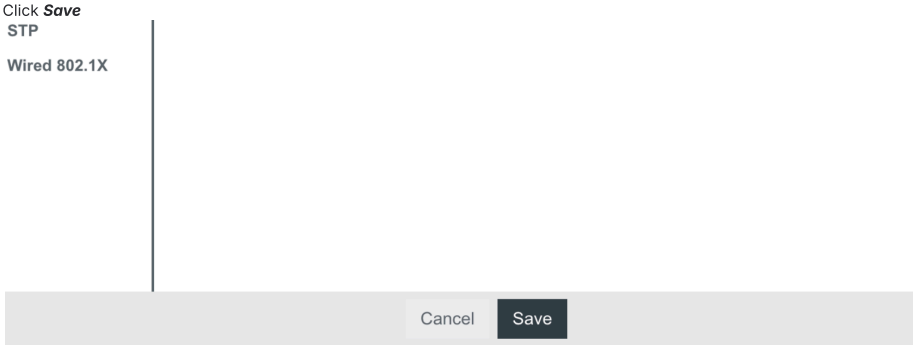
11. In ***IPv4 Settings,*** change *IPv4 Routing Mode* to **Hotspot**



12. In ***Interfaces,*** add the WiFi radios you added the SSID to from Step 4-7.

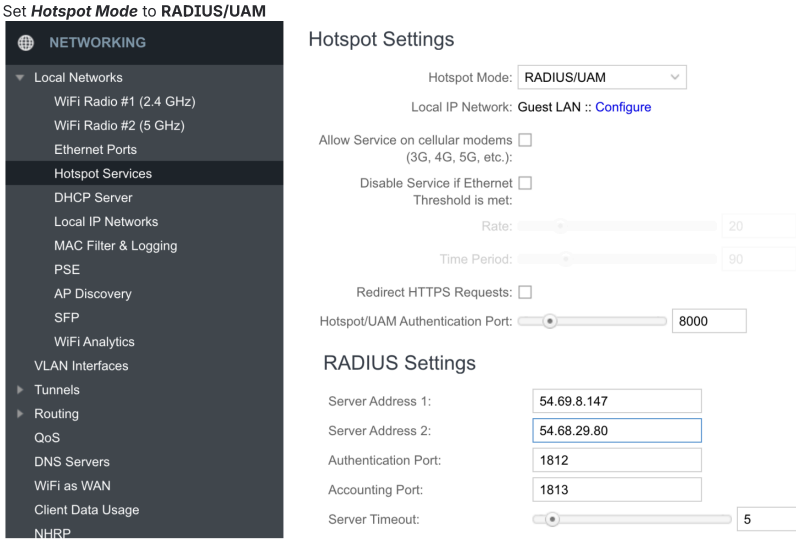


13. Click ***Save***



14. Select ***Networking*** > ***Local Networks*** > ***Hotspot Services***

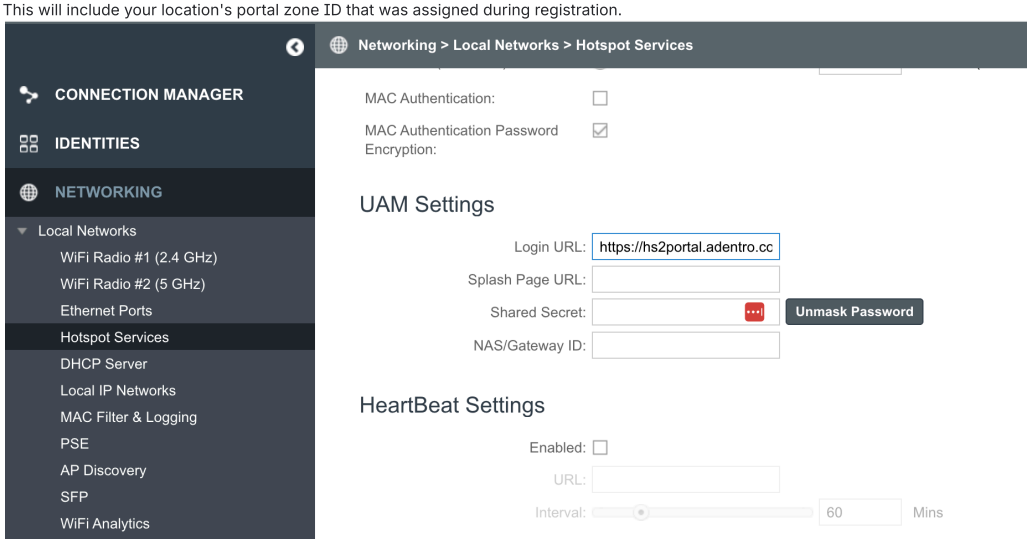
15. Set ***Hotspot Mode*** to **RADIUS/UAM**



16. Verify ***Local IP Network*** is set to **Guest LAN**. This should have been set by modifying the ***Local IP Networks***.

17. Enter the **Server Address** & **Shared Secret** for the ***RADIUS Settings***
    a. *Server 1: radius.zenreach.com*
    b. *Shared Secret: 8fc40973252c42e196489d4a16849ff8*
    c. *Redirection On Successful Authentication: To the URL the user intended to visit*

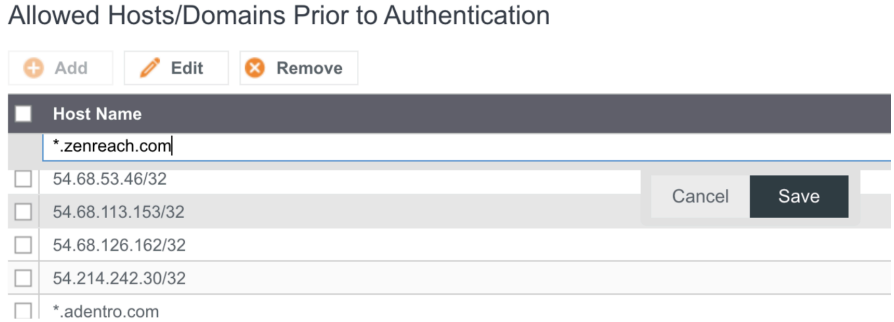
18. Enter the ***UAM Settings*** > ***Login URL*** to the splash page
    This will include your location's portal zone ID that was assigned during registration.



    a. https://hs2portal.adentro.com/cradlepoint?portal_zone_name=YOUR_LOCATION_ZONE

19. Click Save

20. Scroll down to the section ***Allowed Hosts/Domains Prior to Authentication***



    a. Add the following IPs and Domains & Save each one
    54.68.53.46/32
    54.68.113.153/32
    54.68.126.162/32
    54.214.242.30/32
    **.wifast.com*

*.adentro.com
*.zenreach.com

21. Click **Commit** to push changes to the AP's.